

SCORE Search Results Details for Application 10687035 and Search Result 20080310_154540_us-10-687-035-1_copy_14_452.rai.

Score Home	Retrieve Application	SCORE System	SCORE	Comments /
Page	List	Overview	FAQ	Suggestions

This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_154540_us-10-687-035-1_copy_14_452.rai.

[Go Back to previous page](#)

GenCore version 6.2.1
Copyright (c) 1993 - 2008 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: March 11, 2008, 01:36:02 ; Search time 84 Seconds
(without alignments)
821.818 Million cell updates/sec

Title: US-10-687-035-1_COPY_14_452
Perfect score: 2321
Sequence: 1 FTHRSSVSTSTPGTPTVYL.....HGVTLQGFYVLDRLSLFING 439

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1048630 seqs, 157249835 residues

Total number of hits satisfying chosen parameters: 1048630

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/2/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/2/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/2/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/2/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/2/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	2321	100.0	772	2	US-09-404-879A-388	Sequence 388, App
2	2321	100.0	772	2	US-09-667-857-388	Sequence 388, App
3	2321	100.0	772	2	US-10-198-053-388	Sequence 388, App
4	2321	100.0	772	2	US-09-827-271-388	Sequence 388, App
5	2321	100.0	772	3	US-09-636-801-388	Sequence 388, App
6	2321	100.0	833	2	US-09-404-879A-389	Sequence 389, App
7	2321	100.0	833	2	US-09-667-857-389	Sequence 389, App
8	2321	100.0	833	2	US-10-198-053-389	Sequence 389, App
9	2321	100.0	833	2	US-09-827-271-389	Sequence 389, App
10	2321	100.0	833	3	US-09-636-801-389	Sequence 389, App
11	2321	100.0	914	2	US-09-404-879A-312	Sequence 312, App
12	2321	100.0	914	2	US-09-338-933-312	Sequence 312, App
13	2321	100.0	914	2	US-09-667-857-312	Sequence 312, App
14	2321	100.0	914	2	US-10-198-053-312	Sequence 312, App
15	2321	100.0	914	2	US-10-198-053-478	Sequence 478, App
16	2321	100.0	914	2	US-09-827-271-312	Sequence 312, App
17	2321	100.0	914	3	US-09-636-801-312	Sequence 312, App
18	2317	99.8	1890	3	US-10-253-286-314	Sequence 314, App
19	2312	99.6	3451	2	US-10-198-053-595	Sequence 595, App
20	2301	99.1	1148	2	US-10-198-053-458	Sequence 458, App
21	2301	99.1	1148	2	US-10-198-053-479	Sequence 479, App
22	2301	99.1	1148	2	US-09-827-271-458	Sequence 458, App
23	2301	99.1	1148	3	US-10-257-021-56	Sequence 56, Appl
24	2301	99.1	1148	3	US-09-965-738B-48	Sequence 48, Appl
25	2301	99.1	1156	2	US-10-198-053-459	Sequence 459, App
26	2301	99.1	1156	2	US-09-827-271-459	Sequence 459, App
27	2301	99.1	2248	3	US-09-965-738B-50	Sequence 50, Appl
28	2301	99.1	9799	3	US-09-965-738B-146	Sequence 146, App
29	2301	99.1	11721	3	US-09-965-738B-162	Sequence 162, App
30	1436	61.9	304	2	US-10-198-053-486	Sequence 486, App
31	1389.5	59.9	5935	3	US-10-243-243C-8	Sequence 8, Appli
32	1384.5	59.7	909	3	US-09-965-738B-69	Sequence 69, Appl
33	1365.5	58.8	1366	3	US-09-965-738B-47	Sequence 47, Appl
34	1363.5	58.7	624	3	US-09-965-738B-160	Sequence 160, App
35	1348.5	58.1	780	3	US-09-965-738B-159	Sequence 159, App
36	1322	57.0	780	3	US-09-965-738B-158	Sequence 158, App
37	1317	56.7	594	3	US-09-965-738B-71	Sequence 71, Appl
38	1303	56.1	597	3	US-09-965-738B-78	Sequence 78, Appl
39	1284.5	55.3	525	3	US-09-965-738B-70	Sequence 70, Appl

40	1250.5	53.9	479	3	US-09-965-738B-80	Sequence 80, Appl
41	1242.5	53.5	468	3	US-09-965-738B-161	Sequence 161, App
42	1204	51.9	545	3	US-10-243-243C-4	Sequence 4, Appli
43	1181.5	50.9	443	3	US-09-965-738B-42	Sequence 42, Appl
44	1159	49.9	439	3	US-09-965-738B-39	Sequence 39, Appl
45	1112	47.9	420	3	US-09-965-738B-38	Sequence 38, Appl

ALIGNMENTS

RESULT 1

US-09-404-879A-388

; Sequence 388, Application US/09404879A

; Patent No. 6468546

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C2

; CURRENT APPLICATION NUMBER: US/09/404,879A

; CURRENT FILING DATE: 1999-09-24

; NUMBER OF SEQ ID NOS: 393

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 388

; LENGTH: 772

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-404-879A-388

Query Match 100.0%; Score 2321; DB 2; Length 772;

Best Local Similarity 100.0%; Pred. No. 1.7e-222;

Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRLPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRLPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT	338
Qy	181	INNLRYMADMGPGLSKFNITDNVMKHLLSPLFQRSSLGARYTGCRIALRSVKNKAETR	240

```

|||||
Db      339  INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCVRIALRSVKNGAETR 398
|||||
Qy      241  VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT 300
|||||
Db      399  VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT 458
|||||
Qy      301  TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 360
|||||
Db      459  TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 518
|||||
Qy      361  PLFQKSSMGPFYLGQQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
|||||
Db      519  PLFQKSSMGPFYLGQQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 578
|||||
Qy      421  GVTQLGFYVLDLDRDSLFIN 439
|||||
Db      579  GVTQLGFYVLDLDRDSLFIN 597

```

RESULT 2

US-09-667-857-388

; Sequence 388, Application US/09667857

; Patent No. 6699664

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; APPLICANT: Fling, Steven P.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary Richard

; APPLICANT: Reed, Steven G.

; APPLICANT: Vedvick, Thomas S.

; APPLICANT: Carter, Darrick

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C5

; CURRENT APPLICATION NUMBER: US/09/667,857

; CURRENT FILING DATE: 2000-09-20

; NUMBER OF SEQ ID NOS: 455

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 388

; LENGTH: 772

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-667-857-388

Query Match 100.0%; Score 2321; DB 2; Length 772;

Best Local Similarity 100.0%; Pred. No. 1.7e-222;

Matches	439;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	FTHRSSVSTTSTPGTPTVYL	GASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60					
Db	159	FTHRSSVSTTSTPGTPTVYL	GASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218					
Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120						
Db	219	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278						
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSL	YVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180					
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSL	YVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338					
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHL	SPLFQRSSLGARYTGCVRVIALRSVKNGAETR	240					
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHL	SPLFQRSSLGARYTGCVRVIALRSVKNGAETR	398					
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHEL	SQQTHGITRLGPYSLDKDSL	300					
Db	399	VDLLCTYLQPLSGPGLPIKQVFHEL	SQQTHGITRLGPYSLDKDSL	458					
Qy	301	TPKPATTFPLPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHL	LLR	360					
Db	459	TPKPATTFPLPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHL	LLR	518					
Qy	361	PLFQKSSMGFFYLGQCQLISLRPEK	GGAATGVDTTCTYHPDPVGPGLDIQQLYWELS	420					
Db	519	PLFQKSSMGFFYLGQCQLISLRPEK	GGAATGVDTTCTYHPDPVGPGLDIQQLYWELS	578					
Qy	421	GVTQLGFYVLD	DRDSL	FING	439				
Db	579	GVTQLGFYVLD	DRDSL	FING	597				

RESULT 3

US-10-198-053-388

; Sequence 388, Application US/10198053

; Patent No. 6858710

; GENERAL INFORMATION:

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary R.

; APPLICANT: Hill, Paul

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C9

; CURRENT APPLICATION NUMBER: US/10/198,053

; CURRENT FILING DATE: 2002-07-17

```
; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-388
```

```
Query Match          100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy      61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      219 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 278

Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      279 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 338

Qy      181 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      339 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 398

Qy      241 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      399 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 458

Qy      301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      459 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 518

Qy      361 PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      519 PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 578

Qy      421 GVTQLGFYVLDLDRDSLFIN 439
        ||||||||||||||||||
Db      579 GVTQLGFYVLDLDRDSLFIN 597
```

```
RESULT 4
US-09-827-271-388
; Sequence 388, Application US/09827271
; Patent No. 6962980
```

```

; GENERAL INFORMATION:
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C6
; CURRENT APPLICATION NUMBER: US/09/827,271
; CURRENT FILING DATE: 2001-04-04
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-827-271-388

```

```

Query Match          100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
      |||
Db      159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy      61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 120
      |||
Db      219 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 278

Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
      |||
Db      279 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 338

Qy      181 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRIALRSVKNGAETR 240
      |||
Db      339 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRIALRSVKNGAETR 398

Qy      241 VDLLCTYLQPLSGPGLPIKQVFHELSQLTHGITHRLGPYSLDKDSLNGYNEPGPDEPPT 300
      |||
Db      399 VDLLCTYLQPLSGPGLPIKQVFHELSQLTHGITHRLGPYSLDKDSLNGYNEPGPDEPPT 458

Qy      301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHLLR 360
      |||
Db      459 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHLLR 518

Qy      361 PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 420
      |||
Db      519 PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 578

Qy      421 GVTQLGFYVLDRDSLFIN 439

```

Db 579 GVTQLGFGYVLDRDSLFIN 597

RESULT 5

US-09-636-801-388

; Sequence 388, Application US/09636801

; Patent No. 7202334

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; APPLICANT: Fling, Steven P.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary Richard

; APPLICANT: Reed, Steven G.

; APPLICANT: Vedvick, Thomas S.

; APPLICANT: Carter, Darrick

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C4

; CURRENT APPLICATION NUMBER: US/09/636,801

; CURRENT FILING DATE: 2000-08-10

; NUMBER OF SEQ ID NOS: 455

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 388

; LENGTH: 772

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-636-801-388

Query Match 100.0%; Score 2321; DB 3; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGPGLSKFNITDNVMKHLSPFLQRSSLGARYTGCVRVIALRSVKNGAETR	240

Db 339 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRIALRSVKNGAETR 398

Qy 241 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 300
 |||

Db 399 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 458

Qy 301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 360
 |||

Db 459 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 518

Qy 361 PLFQKSSMGPFYLGCLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 420
 |||

Db 519 PLFQKSSMGPFYLGCLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 578

Qy 421 GVTQLGFYVLDRLSLFING 439
 |||

Db 579 GVTQLGFYVLDRLSLFING 597

RESULT 6

US-09-404-879A-389

; Sequence 389, Application US/09404879A

; Patent No. 6468546

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C2

; CURRENT APPLICATION NUMBER: US/09/404,879A

; CURRENT FILING DATE: 1999-09-24

; NUMBER OF SEQ ID NOS: 393

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 389

; LENGTH: 833

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-404-879A-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
 Best Local Similarity 100.0%; Pred. No. 1.9e-222;
 Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
 |||

Db 78 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137

Qy 61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGATGVDAICTHRPDPTGP 120

Db	138	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDFTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	257
Qy	181	INNLRYMADMGPGLSKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGPGLSKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	378	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	437
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	438	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	497
Qy	421	GVTQLGFYVLDRLSLFING	439
Db	498	GVTQLGFYVLDRLSLFING	516

RESULT 7

US-09-667-857-389

; Sequence 389, Application US/09667857

; Patent No. 6699664

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; APPLICANT: Fling, Steven P.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary Richard

; APPLICANT: Reed, Steven G.

; APPLICANT: Vedvick, Thomas S.

; APPLICANT: Carter, Darrick

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C5

; CURRENT APPLICATION NUMBER: US/09/667,857

; CURRENT FILING DATE: 2000-09-20

; NUMBER OF SEQ ID NOS: 455

; SOFTWARE: FastSEQ for Windows Version 3.0

```
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-667-857-389
```

```
Query Match          100.0%; Score 2321; DB 2; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      78 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137

Qy     61 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    138 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 197

Qy    121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    198 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 257

Qy    181 INNLRYMADMGPQGSCLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 240
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    258 INNLRYMADMGPQGSCLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 317

Qy    241 VDLLCTYLQPLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 300
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    318 VDLLCTYLQPLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 377

Qy    301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 360
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    378 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 437

Qy    361 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    438 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 497

Qy    421 GVTQLGFYVLDRLDSLFIN 439
        ||||||||||||||||||||
Db    498 GVTQLGFYVLDRLDSLFIN 516
```

```
RESULT 8
US-10-198-053-389
; Sequence 389, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya S.
```

```
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hill, Paul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C9
; CURRENT APPLICATION NUMBER: US/10/198,053
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-389
```

Query Match 100.0%; Score 2321; DB 2; Length 833;
 Best Local Similarity 100.0%; Pred. No. 1.9e-222;
 Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy      1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
      |||
Db      78 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137

Qy      61 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 120
      |||
Db      138 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 197

Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
      |||
Db      198 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 257

Qy      181 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRIALRSVKNGAETR 240
      |||
Db      258 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRIALRSVKNGAETR 317

Qy      241 VDLLCTYLQPLSGPLPIKQVFHELSQLTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 300
      |||
Db      318 VDLLCTYLQPLSGPLPIKQVFHELSQLTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 377

Qy      301 TPKPATTFLPPLSEATTAMGYHLKTLTNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 360
      |||
Db      378 TPKPATTFLPPLSEATTAMGYHLKTLTNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 437

Qy      361 PLFQKSSMGPFYLGCLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 420
      |||
Db      438 PLFQKSSMGPFYLGCLISLRPEKDGAAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 497

Qy      421 GVTQLGFYVLDRDSLFIN 439
```

Db 498 GVTQLGFYVLDRDSLFIN 516

RESULT 9

US-09-827-271-389

; Sequence 389, Application US/09827271

; Patent No. 6962980

; GENERAL INFORMATION:

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary R.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C6

; CURRENT APPLICATION NUMBER: US/09/827,271

; CURRENT FILING DATE: 2001-04-04

; NUMBER OF SEQ ID NOS: 461

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 389

; LENGTH: 833

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-827-271-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
 Best Local Similarity 100.0%; Pred. No. 1.9e-222;
 Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	78	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	137
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	138	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	257
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDPEPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDPEPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHLLR	360

```

|||||
Db      378  TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 437
|||||
Qy      361  PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
|||||
Db      438  PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 497
|||||
Qy      421  GVTQLGFYVLDLDRDSLFIN 439
|||||
Db      498  GVTQLGFYVLDLDRDSLFIN 516

```

RESULT 10

US-09-636-801-389

; Sequence 389, Application US/09636801

; Patent No. 7202334

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; APPLICANT: Fling, Steven P.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary Richard

; APPLICANT: Reed, Steven G.

; APPLICANT: Vedvick, Thomas S.

; APPLICANT: Carter, Darrick

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C4

; CURRENT APPLICATION NUMBER: US/09/636,801

; CURRENT FILING DATE: 2000-08-10

; NUMBER OF SEQ ID NOS: 455

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 389

; LENGTH: 833

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-636-801-389

```

Query Match          100.0%; Score 2321; DB 3; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1  FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
|||||
Db      78  FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137
|||||
Qy      61  SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGATGVDAICTHRPDPTGP 120
|||||

```

```

Db      138 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 197
Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
      |||
Db      198 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 257
Qy      181 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR 240
      |||
Db      258 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR 317
Qy      241 VDLLCTYLQPLSGPGLPIKQVFHELSQLTHGITRLGPYSLDKDSLNGYNPEPGDEPPT 300
      |||
Db      318 VDLLCTYLQPLSGPGLPIKQVFHELSQLTHGITRLGPYSLDKDSLNGYNPEPGDEPPT 377
Qy      301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 360
      |||
Db      378 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKSATFNSTEGVLQHLLR 437
Qy      361 PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 420
      |||
Db      438 PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH 497
Qy      421 GVTQLGFYVLDLDRDSLFIN 439
      |||
Db      498 GVTQLGFYVLDLDRDSLFIN 516

```

RESULT 11

US-09-404-879A-312

; Sequence 312, Application US/09404879A

; Patent No. 6468546

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C2

; CURRENT APPLICATION NUMBER: US/09/404,879A

; CURRENT FILING DATE: 1999-09-24

; NUMBER OF SEQ ID NOS: 393

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 312

; LENGTH: 914

; TYPE: PRT

; ORGANISM: Homo sapien

US-09-404-879A-312

Query Match 100.0%; Score 2321; DB 2; Length 914;

Best Local Similarity 100.0%; Pred. No. 2.3e-222;

Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSSVSTTSTPGTPTVYL	GASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60	
Db	159	FTHRSSSVSTTSTPGTPTVYL	GASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218	
Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	120		
Db	219	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	278		
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSL	VYNGFTHRSSVPTTSTGVVSEEPFTLNFT	180	
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSL	VYNGFTHRSSVPTTSTGVVSEEPFTLNFT	338	
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHL	SPLFQRSSLGARYTGCRIALRSVKNGAETR	240	
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHL	SPLFQRSSLGARYTGCRIALRSVKNGAETR	398	
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHEL	SQQTHGITRLGPYSLDKDSL	LYLNGYNEFGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHEL	SQQTHGITRLGPYSLDKDSL	LYLNGYNEFGPDEPPT	458
Qy	301	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360		
Db	459	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518		
Qy	361	PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVPGGLD	IQQLYWELSQLTH	420	
Db	519	PLFQKSSMGPFYLGQCQLISLRPEKDGAAATGVDTTCTYHPDPVPGGLD	IQQLYWELSQLTH	578	
Qy	421	GVTQLGFYVLD	DRDSL	FING 439	
Db	579	GVTQLGFYVLD	DRDSL	FING 597	

RESULT 12

US-09-338-933-312

; Sequence 312, Application US/09338933

; Patent No. 6488931

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer Lynn

; APPLICANT: King, Gordon E.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF

; TITLE OF INVENTION: OVARIAN CANCER

; FILE REFERENCE: 210121.462C1

; CURRENT APPLICATION NUMBER: US/09/338,933

; CURRENT FILING DATE: 1999-06-23

; NUMBER OF SEQ ID NOS: 312

```
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-338-933-312
```

Query Match 100.0%; Score 2321; DB 2; Length 914;
 Best Local Similarity 100.0%; Pred. No. 2.3e-222;
 Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVPGGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDRDSLFIN	439
Db	579	GVTQLGFYVLDRDSLFIN	597

RESULT 13
 US-09-667-857-312
 ; Sequence 312, Application US/09667857
 ; Patent No. 6699664
 ; GENERAL INFORMATION:

```

; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C5
; CURRENT APPLICATION NUMBER: US/09/667,857
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
;   LENGTH: 914
;   TYPE: PRT
;   ORGANISM: Homo sapien
US-09-667-857-312

```

```

Query Match          100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
      |||||||
Db      159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy      61 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 120
      |||||||
Db      219 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 278

Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT 180
      |||||||
Db      279 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT 338

Qy      181 INNLRYMADMGPGLSKFNITDNVMKHLSPPLFQRSSLGARYTGCRIALRSVKNGAETR 240
      |||||||
Db      339 INNLRYMADMGPGLSKFNITDNVMKHLSPPLFQRSSLGARYTGCRIALRSVKNGAETR 398

Qy      241 VDLLCTYLQPLSGPGLPIKQVFHELSQLQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 300
      |||||||
Db      399 VDLLCTYLQPLSGPGLPIKQVFHELSQLQTHGITRLGPYSLDKDSLNGYNEPGPDEPPT 458

Qy      301 TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHLLR 360
      |||||||
Db      459 TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMKGKSATFNSTEGVLQHLLR 518

```

```

Qy      361  PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      519  PLFQKSSMGFFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 578

Qy      421  GVTQLGFYVLDLDRDSLFIN 439
          ||||||||||||||||
Db      579  GVTQLGFYVLDLDRDSLFIN 597

```

RESULT 14

US-10-198-053-312

; Sequence 312, Application US/10198053

; Patent No. 6858710

; GENERAL INFORMATION:

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary R.

; APPLICANT: Hill, Paul

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C9

; CURRENT APPLICATION NUMBER: US/10/198,053

; CURRENT FILING DATE: 2002-07-17

; NUMBER OF SEQ ID NOS: 624

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 312

; LENGTH: 914

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-198-053-312

```

Query Match          100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1  FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy      61  SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      219 SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 278

Qy      121 GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGTVSEEPFTLNFT 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      279 GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGTVSEEPFTLNFT 338

Qy      181 INNLRYMADMGPGLSKFNITDNVMKHLLSPLFQRSSLGARYTGCRIALRSVKNKAETR 240

```

```

Db      339  INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSSLGARYTGCVRVIALRSVKNGAETR 398
      |||
Qy      241  VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT 300
      |||
Db      399  VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT 458
      |||
Qy      301  TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 360
      |||
Db      459  TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 518
      |||
Qy      361  PLFQKSSMGFFYLGQQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
      |||
Db      519  PLFQKSSMGFFYLGQQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 578
      |||
Qy      421  GVTQLGFYVLDLDRDSLFIN 439
      |||
Db      579  GVTQLGFYVLDLDRDSLFIN 597

```

RESULT 15

US-10-198-053-478

; Sequence 478, Application US/10198053

; Patent No. 6858710

; GENERAL INFORMATION:

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Retter, Marc W.

; APPLICANT: Fanger, Gary R.

; APPLICANT: Hill, Paul

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C9

; CURRENT APPLICATION NUMBER: US/10/198,053

; CURRENT FILING DATE: 2002-07-17

; NUMBER OF SEQ ID NOS: 624

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 478

; LENGTH: 914

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-198-053-478

```

Query Match          100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1  FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
      |||
Db      159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

```

Qy	61	SRKFNTTERTVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERTVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	GVTQLGFYVLDLDRDSLFIN	597

Search completed: March 11, 2008, 01:37:27

Job time : 85 secs

SCORE 3.0